

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
JOINT FUNDING AGREEMENT

Between the  
GEOLOGICAL SURVEY  
and the  
DEPARTMENT OF NATURAL RESOURCES, DIVISION OF OIL, GAS, AND MINING  
for

INVESTIGATION OF WATER RESOURCES  
STATE OF UTAH  
Amendment No. 1

August 15, 1989

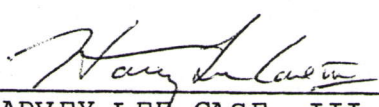
This amends the Agreement on the same subject dated May 16, 1989, to provide an increase in funds for the period October 1, 1988 to September 30, 1989.


Paragraph No. 2 of the former agreement is hereby modified by an increase of 5,600 from the U.S. Geological Survey, party of the first part, and - 0 - from the Utah Department of Natural Resources, Division of Oil, Gas, and Mining, party of the second part, making the total amount of cooperation \$28,430 from the U.S. Geological Survey and \$60,703 from the Department of Natural Resources, Division of Oil, Gas, and Mining, making a grand total of \$89,133 during the period October 1, 1988 to September 30, 1989.

This agreement is for investigation of the hydrologic affects of mining and related land subsidence caused by underground coal mining.

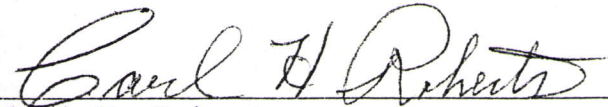
DEPARTMENT OF THE INTERIOR  
UNITED STATES

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

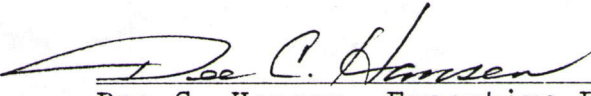
BY   
HARVEY LEE CASE, III  
UTAH DISTRICT CHIEF

BY   
Dianne R. Nielson, Director


Page 2  
Amendment No. 1  
Agreement #UT8903200

  
\_\_\_\_\_  
Carl H. Roberts  
Budget and Accounting Officer

9/5/89  
Date

  
\_\_\_\_\_  
Dee C. Hansen, Executive Director  
Department of Natural Resources

9/12/89  
Date

  
\_\_\_\_\_  
[REDACTED]  
Division of Finance

9/12/89  
Date



Department of the Interior  
Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

UT-014  
Agr. #UT8903200  
**90 0488**

THIS AGREEMENT is entered into as of the 16th day of May 1989 by the GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Division of Oil, Gas and Mining.

party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation and investigation of the hydrologic effects of mining-related land subsidence caused by underground coal mining.

hereinafter called the program.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and office work directly related to this program, but excluding any bureau level general administrative or accounting work in the office of either party.

(a) \$ 22,830 by the party of the first part during the period  
October 1, 1988 to September 30, 1989

(b) \$ 60,702 by the party of the second part during the period  
October 1, 1988 to September 30, 1989

(c) Additional amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

3. Expenses incurred in the performance of this program may be paid by either party in conformity with the laws and regulations respectively governing each party, provided that so far as may be mutually agreeable all expenses shall be paid in the first instance by the party of the first part with appropriate reimbursement thereafter by the party of the second part. Each party shall furnish to the other party such statements or reports of expenditures as may be needed to satisfy fiscal requirements.

4. The field and office work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

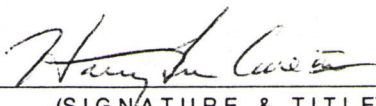
6. During the progress of the work all operations of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

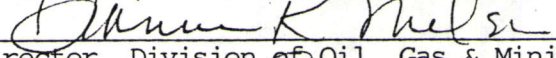
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

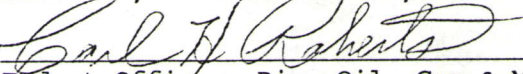
8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

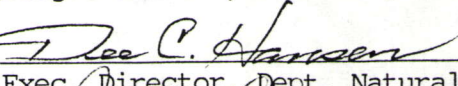
9. Billing for this agreement will be rendered September 30, 1989. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30-day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

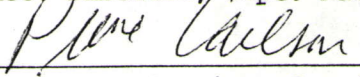
GEOLOGICAL SURVEY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR

By   
(SIGNATURE & TITLE)  
District Chief

By   
Director, Division of Oil, Gas & Mining

By   
Budget Officer, Div. Oil, Gas & Mining

By   
Exec. Director, Dept. Natural Resources

By  88-87  
Management Services Coordinator  
Division of Finance

(USE REVERSE SIDE IF ADDITIONAL SIGNATURES ARE REQUIRED)



Department of the Interior  
Geological Survey  
Joint Funding Agreement  
FOR

87 2128

UT-14  
Agreement #UT-87-021

Water Resources Investigations

THIS AGREEMENT is entered into as of the 1st day of Oct. 1986 by the GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Department of Natural Resources, Division of Oil, Gas and Mining,

party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for investigations of the Paradox Basin, San Juan County.

hereinafter called the program.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and office work directly related to this program, but excluding any general administrative or accounting work in the office of either party.

(a) \$ 12,130 by the party of the first part during the period  
October 1, 1986 to June 30, 1987

(b) \$ 12,130 by the party of the second part during the period  
October 1, 1986 to June 30, 1987

(c) Additional amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

3. Expenses incurred in the performance of this program may be paid by either party in conformity with the laws and regulations respectively governing each party, provided that so far as may be mutually agreeable all expenses shall be paid in the first instance by the party of the first part with appropriate reimbursement thereafter by the party of the second part. Each party shall furnish to the other party such statements or reports of expenditures as may be needed to satisfy fiscal requirements.

4. The field and office work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.


6. During the progress of the work all operations of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

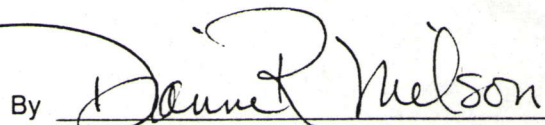
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

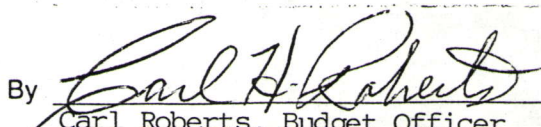
8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

9. Billing for this agreement will be rendered June 30, 1987. Payments of bills are due within 30 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30-day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

GEOLOGICAL SURVEY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR

By   
(SIGNATURE & TITLE)  
Acting District Chief 12-16-86

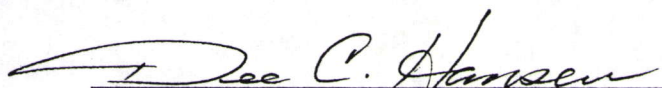
By   
Dianne R. Nielson, Director  
Division of Oil, Gas and Mining

By   
Carl Roberts, Budget Officer  
Division of Oil, Gas and Mining

(USE REVERSE SIDE IF ADDITIONAL SIGNATURES ARE REQUIRED)

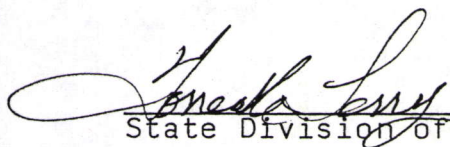
87 2128

USGS Joint Funding Agreement  
October 1, 1986 to June 30, 1987



Dee C. Hansen, Executive Director  
Department of Natural Resources

Date 12-23-86



State Division of Finance

Date 2/2/87